Low Speed Refrigerated Centrifuge LX103LSR

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Description

Low speed refrigerated centrifuge LX103LSR is a microprocessor controlled unit with a speed of 5000 rpm. LED screen display various parameters like speed, time and RCF for viewing and monitoring parameters. Protective functions like over speed, mal operation, machine self-diagnose, door interlock, stainless chamber and double protective containment structure ensure the machine safety.

Specifications

Maximum speed	5000 rpm
Maximum RCF	4730 x g
Maximum capacity	4 x 300 ml
Timer range	1 - 99 hr 59 min
RPM/RCF Convert	Yes
Speed accuracy	± 20 rpm
Temperature setting range	-20 °C to 40 °C
Acc/Dec rate	10
Temperature accuracy	± 1 ℃
Noise	≤ 60 dB
Power supply	AC 220 V / 50 Hz / 15 A
Dimension	640 x 665 x 420 mm
Weight	118 kg
Packing dimension	850 x 760 x 560 mm
Gross weight	135 Kg

Features

- Speed - 5000 rpm
- Microprocessor controlled system
- LED display that indicates speed, time and RCF in operation
- Three-tier protective steel covering

- Fluorine-free compressors with double cycle cooling and heating system
- Automatic electric lid lock that provides protection against over speed and temperature and imbalance
- Rotor is connected to the spindle by a specialized taper sleeve
- Enables easy and quick loading of samples
- Optional rotors available

Applications

- Used in biochemical and clinical labs for precipitate separation and serum analysis, in pharmaceutical industry etc. and is perfect for DNA, RNA, PCR or antibody analysis

Rotor Selection

Rotor name	Maximum speed (rpm)	Maximum capacity (ml)	Maximum RCF (×g)
Swing rotor 01	4000	4 x 300 (Round cup)	3180
Swing rotor 02	4000	4 x 300 (Square cup)	3150
Swing rotor 03	4000	4 × 24 × 5 ml	2840
Swing rotor 04	4000	4 × 24 × 7 ml	3140
Swing rotor 05	4000	4 x 18 x 10	3140
Swing rotor 06	4000	4 x 1 x 50 ml	4730
Swing rotor 07	4000	4 x 1 x 100 ml	4730
Swing rotor 08	4000	4 x 2 x 50 ml	3200
Swing rotor 09	4000	4 x 2 x 100 ml	3200
Swing rotor 10	4000	4 x 16 x 5 ml	2530
Swing rotor 11	4000	4 x 16 x 7 ml	2890
Swing rotor 12	4000	4 x 12 x 5 ml (Vacuum tube)	2480
Swing rotor 13	4000	4 x 12 x 7 ml (Vacuum tube)	2760
Swing rotor 14	4000	4 x 12 x 10 ml (Vacuum tube)	2880
Swing rotor 15	4000	4 x 8 x 10/15	3200

Swing rotor 16	4000	4 x 6 x 10/15	3200
Swing rotor 17	4000	4 x 4 x 10/15	3200
Angle rotor 01	5000	12 x 15	3080
Angle rotor 02	5000	6 x 50	2850
Angle rotor 03	5000	4 x 50	2520
Angle rotor 04	5000	4 x 100	2630
Angle rotor 05	5000	24 x 15	3500
Angle rotor 06	5000	12 x 50	3860
Angle rotor 07	5000	6 x 100	3130
Angle rotor 08	4000	12 x 100	2970
Angle rotor 09	5000	6 x 15	2540
Angle rotor 10	4000	30 x 15	3830
Microplate rotor 01	4000	2 x 4 x 96 Well	2910
Microplate rotor 02	4000	2 x 3 x 48 Well	2300

Adapter Selection

Adapter for 300ml round cup and square cup

Volume	5 ml	7 ml	10 ml	15 ml	50 ml
300ml	16 pcs/cup	16	12	9	4
Square Cup					
300ml	10 pcs/cup	10	9	7	2
Round Cup					

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